Amendments to the Claims:

This listing of claims replaces all prior versions and listings of claims in the application:

Listing of Claims:

1.   (Currently Amended) A method for control of task execution in a computer system including:

accepting a specification of a graphical representation of task dependency having

a plurality of task elements each associated with a different task,

a resource element having a plurality of attachment locations, and

linking elements coupling the task elements to the resource element at the plurality of attachment locations, wherein couplings of task elements to attachment locations on the resource element specify an execution ordering constraint on the tasks associated with the task elements; and

executing the tasks according to the graphical representation of task dependency.

2.   (Canceled)

3.   (Original) The method of claim 1 wherein the task elements comprise nodes in the graphical representation, and the linking elements comprise links in the graphical representation.

4.   (Original) The method of claim 1 wherein the resource element comprises a timeline with the attachment locations being associated with points on the timeline.

5.   (Original) The method of claim 1 wherein the resource element is associated with a computation resource for access by the tasks.

6.   (Original) The method of claim 5 wherein the computation resource includes a storage resource.

7.   (Original) The method of claim 5 wherein the computation resource includes a data table.

8.   (Currently Amended) A data structure ~~stored~~ <u>tangibly embodied</u> on a computer readable medium, the data structure including:

        data representations of a plurality of task elements,

        data representations of a plurality of attachment locations, and

        data associating the task elements to the attachment locations, wherein associations of
            task elements to attachment locations specify an ordering constraint on tasks
            associated with the task elements.

9.   (Original) The data structure of claim 8 wherein the data structure is associated with a resource.

10.   (Original) The data structure of claim 8 wherein the resource is associated with a computation resource for access by the tasks.

11.   (Original) The data structure of claim 10 wherein the computation resource includes a storage resource.

12.   (Original) The data structure of claim 10 wherein the computation resource includes a data table.

13.   (Currently Amended) A task execution system including:

        a repository including data conforming to a data model, the data model including

            a plurality of task elements each associated with a different task,

a resource element having a plurality of attachment locations, and

linking elements coupling the task elements to the resource element at the plurality of attachment locations, wherein couplings of task elements to attachment locations on the resource element specify an execution ordering constraint on the tasks associated with the task elements, and

a task execution module, having access to the repository over at least one input device or port in communication with the repository, configured to execute the tasks according to the graphical representation of task dependency.

14.   (Original) The system of claim 13 wherein the task elements comprise nodes in the graphical representation, and the linking elements comprise links in the graphical representation.

15.   (Original) The system of claim 13 wherein the resource element comprises a timeline with the attachment locations being associated with points on the timeline.

16.   (Original) The system of claim 13 wherein the resource element is associated with a computation resource for access by the tasks.

17.   (Original) The system of claim 16 wherein the computation resource includes a storage resource.

18.   (Original) The system of claim 16 wherein the computation resource includes a data table.

19.   (Original) A task execution system including:

means for accepting a specification of a graphical representation of task dependency having

a plurality of task elements each associated with a different task,

a resource element having a plurality of attachment locations, and

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linking elements coupling the task elements to the resource element at the plurality of attachment locations, wherein couplings of task elements to attachment locations on the resource element specify an execution ordering constraint on the tasks associated with the task elements, and

means for executing the tasks according to the graphical representation of task dependency.

20. (Original) The system of claim 19 wherein the task elements comprise nodes in the graphical representation, and the linking elements comprise links in the graphical representation.

21. (Original) The system of claim 19 wherein the resource element comprises a timeline with the attachment locations being associated with points on the timeline.

22. (Original) The system of claim 19 wherein the resource element is associated with a computation resource for access by the tasks.

23. (Original) The system of claim 22 wherein the computation resource includes a storage resource.

24. (Original) The system of claim 22 wherein the computation resource includes a data table.

25. (Original) A method for control of task execution in a computer system including:

accepting a specification of a graphical representation of task dependency having

a plurality of task elements each associated with a different task,

a resource element, and

linking elements coupling the task elements to the resource element at a plurality of attachment locations, in a time-ordered sequence defining an execution ordering constraint on the tasks associated with the task elements, and

executing the tasks according to the graphical representation of task dependency.

26.   (New) The method of claim 1 wherein relative positions of the plurality of attachment
locations on the resource element define the ordering constraint.

27.   (New) The method of claim 26 wherein the plurality of attachment locations comprise at
least three attachment locations.

28.   (New) The data structure of claim 8 wherein relative positions of the plurality of
attachment locations on the resource element define the ordering constraint.

29.   (New) The data structure of claim 28 wherein the plurality of attachment locations
comprise at least three attachment locations.

30.   (New) The system of claim 13 wherein relative positions of the plurality of attachment
locations on the resource element define the ordering constraint.

31.   (New) The system of claim 30 wherein the plurality of attachment locations comprise at
least three attachment locations.

32.   (New) The system of claim 19 wherein relative positions of the plurality of attachment
locations on the resource element define the ordering constraint.